

EMPLOYMENT AND RELATED STATISTICS

TABLE I. Selected Employment Statistics by Industry Groups and Industries:

1963, 1958, and 1954

Industry group, industry and jyear	Employees		Man-hours worked by production, development, and exploration							Value added per man-hour (dollars)	Energy used per worker 1 000 equivalent	horsepowe per production worker
	Total	Productio n, developme nt, and exploration (number)	Total		At mines				Value added per man-hour (dollars)	Energy used per worker 1 000 equivalent	horsepowe per production worker	
			All types of work (number)	Developm ent and exploratio n (1,000)	Undergro und (1,000)	Open pit s (1,000)	Well operation s (1,000)	Surface (including mine shops and variab le) (1,000)				
All mineral industries...	615,57	481,466	972,983	157,914	207,77	153,38	375,033	72,090	164,485	16.35	906	110
1958	733,90	565,356	1,080,44	177,89	260,77	146,59	415,708	75,150	182	12.39	717	(NA)
1954	787,11	648,341	1,251,90	239,240	345,621	145,15	467,300	127,31	166	9.25	576	63
Metal mining. ....	77,21	62,182	125,66	9,860	43,94	26,704	(X)	25,198	29,819	11.2	507	98
1958*	91,582	70,75	136,21	9,523	42,31	26,111	(X)	27,734	33,892	9	384	(NA)
1954	101,21	82,715	170,497	20,780	68,345	31,842	(X)	39,454	30,856	6,59	262	63
Iron ores .....	23,083	18,102	34,524	3,001	8,197	10,351	(X)	6,412	9,564	15.91	979	145
1958	30,113	22,517	39,926	1,652	12,690	9,865	(X)	7,716	9,655	12.21	491	(NA)
1954	34,170	28,216	53,288	8,419	19,956	12,671	(X)	13,374	7,287	8.18	210	64
Copper ores .....	26,486	21,372	45,319	1,315	12,148	12,694	(X)	9,331	11,146	9.20	369	88
1958	27,642	20,898	41,021	1,672	10,438	10,691	(X)	8,127	11,765	6.50	490	(NA)
1954	27,813	21,544	46,676	5,173	13,880	11,174	(X)	11,165	10,457	7.17	430	72
Lead ores .....	9,422	7,822	14,781	1,029	10,296	47	(X)	2,288	2,150	5.71	140	56
1958	11,227	8,728	16,734	1,491	11,118	22	(X)	3,551	2,043	4.40	132	(NA)
1954	16,566	13,592	27,554	1,498	18,357	139	(X)	4,477	4,581	3.90	121	55
Zinc ores .....	4,320	3,401	5,948	354	4,489	15	(X)	1,043	401	5.72	114	61
1958	6,883	5,460	10,397	1,141	7,048	17	(X)	2,223	1,109	4.62	121	(NA)
1954	8,720	7,156	14,654	954	10,273	101	(X)	2,416	1,864	4.28	105	59
Gold and silver ores .....	5,102	4,421	8,833	675	5,807	32	(X)	1,245	1,749	5.70	159	52
1958	4,344	3,268	6,337	350	4,070	5	(X)	1,328	934	4.05	151	(NA)
1954	7,846	6,436	12,900	544	8,084	38	(X)	2,061	2,117	3.46	139	55
Lode gold .....	4,216	3,585	7,605	1,026	4,369	435	(X)	2,090	711	6.45	251	67
1958	4,415	3,841	8,230	989	4,195	1,355	(X)	1,688	992	5.36	(1)	(NA)
1954	5,635	4,887	11,212	1,232	4,931	2,507	(X)	2,665	1,109	3.76	295	65
Placer gold .....	2,397	2,091	4,544	553	2,604	106	(X)	1,397	437	4.69	155	40
1958	2,586	2,234	4,602	483	2,943	98	(X)	985	576	4.92	(1)	(NA)
1954	3,060	2,670	5,988	893	3,365	115	(X)	1,734	774	3.67	240	51
Silver ores .....	361	325	731	20	17	326	(X)	336	52	(1)	(1)	(NA)
1958	840	753	1,882	154	2	1,250	(X)	383	247	(1)	623	129
1954	1,320	1,152	3,010	93	121	2,579	(X)	1284	126	3.42	623	129
Bauxite .....	1,458	1,169	2,330	453	1,748	3	(X)	357	222	9.40	117	49
1958	989	854	1,746	352	1,250	7	(X)	320	169	5.94	129	(NA)
1954	1,255	1,065	2,214	246	1,627	25	(X)	353	209	4.45	76	34
Ferroalloy ores .....	552	414	751	7	197	144	(X)	264	146	23.25	565	70
1958	705	502	905	24	238	153	(X)	322	192	17.05	(1)	(NA)
1954	852	661	1,288	10	281	210	(X)	583	214	9.96	257	74
Ferroalloy ores .....	3,102	2,627	4,867	351	2,710	272	(X)	429	1,456	13.60	206	60
1958	5,438	4,380	8,335	343	3,616	953	(X)	1,204	2,562	8.91	210	(NA)
1954	8,078	6,838	15,122	1,030	7,482	1,484	(X)	1,815	4,341	7.10	165	54
Manganese ores .....	224	180	351	18	38	108	(X)	8	197	6.69	122	111
1958	2,099	1,792	3,475	88	1,159	690	(X)	557	1,069	5.76	325	(NA)
1954	2,604	2,266	4,293	260	1,677	894	(X)	402	1,320	4.22	211	47
Tungsten ores .....	638	508	977	113	388	22	(X)	106	461	8.36	(6)	(NA)
1954	2,987	2,635	6,327	651	3,683	451	(X)	691	1,502	6.44	141	59
Ferroalloy ores, n.e.c. ....	2,878	2,447	4,516	333	2,672	164	(X)	421	1,259	14.18	212	56
1958	2,701	2,080	3,883	142	2,069	241	(X)	541	1,032	11.87	145	57
1954	2,487	1,937	4,502	119	2,122	139	(X)	722	1,519	10.78	145	57
Metal mining services ....	2,20	1,89	4,01	12,417	10>	1,231	(X)	2,787	(10)	6.1	£17	98
1958	2,16	1,97	4,27	18	1,013	1,013	(X)	3,261	(10)	6	2	53
1954	2,18	1,97	4,27	18	1,013	1,013	(X)	3,779	H	5.3	5	2
Miscellaneous metal ores .....	8,143	6,369	13,798	714	16,025	1,530	(X)	1,597	4,646	15.21	449	85
1958	9,790	7,851	16,673	2198	6,017	1,912	(X)	1,865	6,879	11.78	375	(NA)
1954	4,881	3,982	8,536	1,489	3,379	858	(X)	1,502	2,797	(NA)	431	61
Mercury ores .....	316	279	610	56	326	69	(X)	67	148	4.21	194	68
1958	652	569	1,223	84	649	165	(X)	143	266	5.80	227	(NA)
1954	453	372	841	73	572	30	(X)	104	135	3.99	210	31
Titanium ores .....	997	846	1,721	7	553	(X)	362	806	8.7	44	79	
1958	962	706	1,234	7	319	(X)	186	729	10.3	60	(NA)	
1954	843	568	1,261	39	-	208	(X)	522	531	8.8	63	81
Uranium-radium-vanadium ores .....	6,665	5,114	11,251	595	5,699	832	(X)	1,124	3,596	16.9	46	85
1958	7,939	6,389	13,873	2,048	5,352	1,347	(X)	1,485	5,889	12.6	36	(NA)
1954	3,467	2,994	6,227	1,329	2,764	562	(X)	793	2,08	(NA)	43	56
Metallic ores, n.e.c. ....	165	130	216	63	76	(X)	4	96	7.4	34	17	
1958	237	187	343	59	16	81	(X)	5	195	5.3	24	(NA)
1954	118	207	48	43	58	(X)	83	23	(1)	(1)	(1)	

See footnotes at end of table.